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(54) Method of image coding and decoding

(57) A method of simplifying the arithmetic operation in a global motion compensation process approximates the motion vector field of the whole image without using many parameters. Motion vectors in the global motion compensation are found by the interpolation and/or extrapolation of the motion vectors of a plurality of representative points 602, 603 and 604 having particular features in the spatial distance thereof. Since a shift operation can substitute the division for synthesizing a predicted image of global motion compensation, the processing using a computer or a dedicated hardware is simplified.

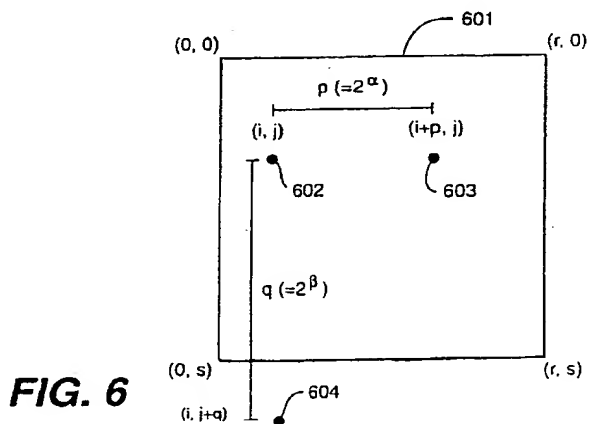


FIG. 6

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EUROPEAN SEARCH REPORT

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EP 97 10 4595

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 607, 31 July 1996 (1996-07-31) & JP 08 065675 A (HITACHI LTD), 8 March 1996 (1996-03-08) * abstract *	2-6, 13-17	H04N7/36 H04N7/26 H04N7/50
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A	WO 92 03799 A (TELEVERKET) 5 March 1992 (1992-03-05) * page 3, line 11 - page 4, line 16 * * figure 3 *	1-25	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 September 1999	Examiner Fassnacht, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/82 (P4/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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